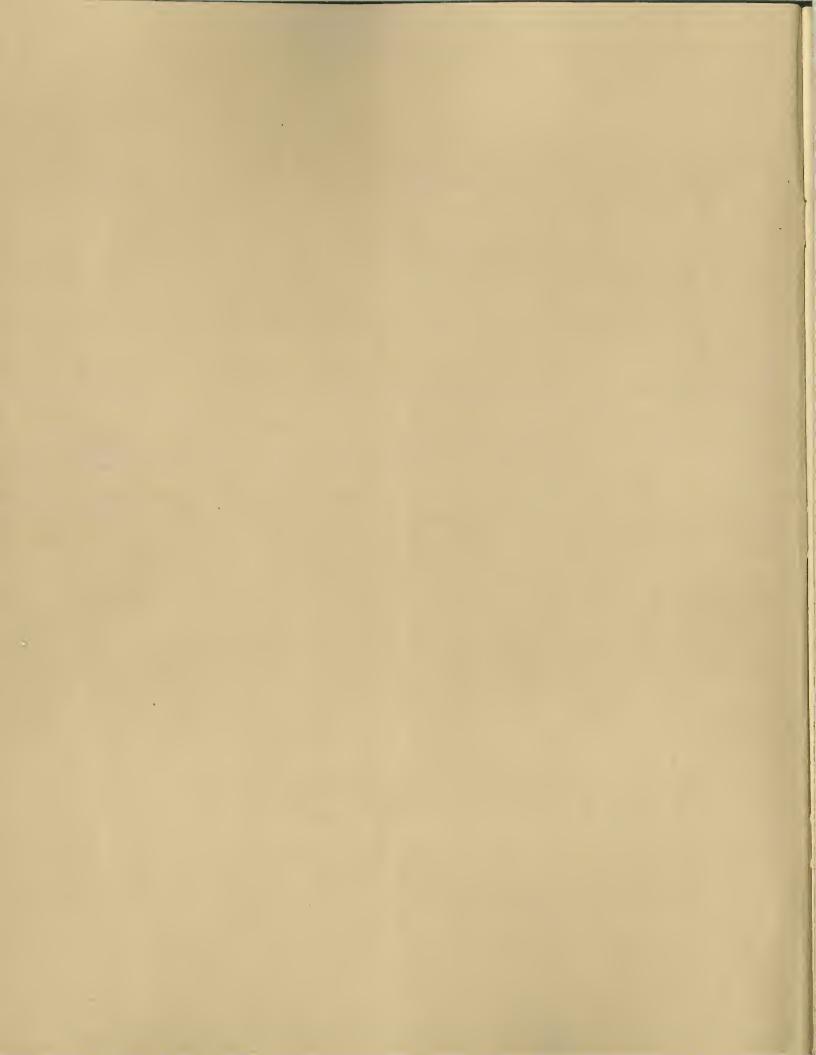
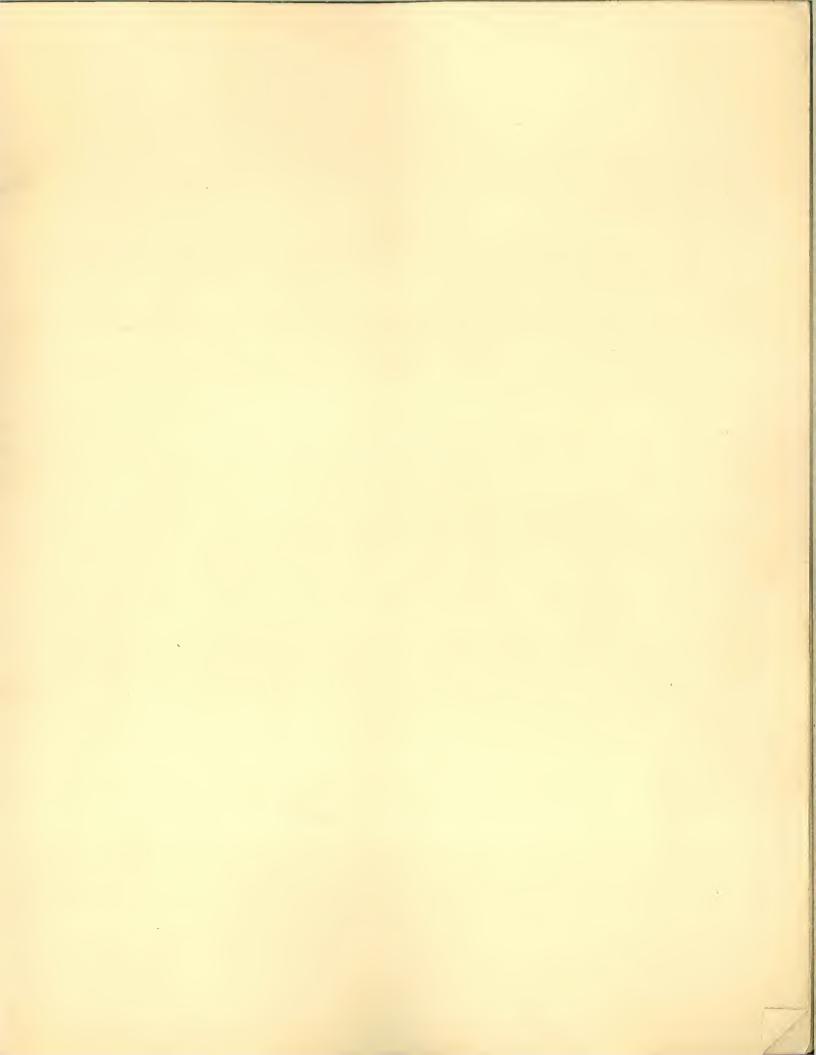


Trongare and the second second

by McKINNEY







HERE seems to have been a strange sympathy in the medieval mind with the properties of iron that led in those days to a very wise use of it in many different ways. During the years from the Tenth to the Seventeenth Centuries, some of the finest examples were produced. The various designs created by these early craftsmen are especially noteworthy in that they seem to express the essential characteristics of iron—strength and pliability. It may well be said that these master craftsmen, with their primitive tools, created products which were as true in character as in design.

In later times our own forefathers with a directness of purpose and crispness of line which characterizes so much of their handicraft, brought to a high degree of excellence the forging of iron hardware, and some of their designs, the Curley Lock, the Tulip and the Heart (so-called) have won a popularity which bids fair to increase as time goes on.

It is these three designs together with the Etruscan, (motivated from some excellent examples of iron craft of medieval days found in Southern Europe) which are now made available to home owners, architects and builders in absolutely authentic form by the introduction of McKinney Forged Iron Hardware. The pieces available in McKinney Forged Iron include hinge straps, H & L hinge plates, drop ring and lever handles, entrance door handle sets, rim and mortise latches, door pulls, push plates, knockers, shutter dogs, casement sash fasteners and so on. In every detail of subtle curve and artistic form these pieces are authentic of their respective designs. The background for every piece has been carefully searched and reviewed in order to establish this authenticity.

The wide variety of modern building has necessitated an equal development in methods for the successful application of these earlier forms of hardware. These exacting demands have been met by McKinney as the illustrations given in the following pages will show. Mechanical accuracy, which is even more essential today than ever before, has been insisted upon throughout. Whatever type of construction is contemplated it will be found that McKinney Forged Iron can be used.

We recommend McKinney Forged Iron Hardware to all who are captivated by the charm of artistic craftsmanship and lured by the spell of Romance.

FINISHES

CKINNEY Forged Iron Hardware is furnished regularly in three distinct finishes known as Dead Black Iron, Relieved Iron and Rusty Iron. The dead black finish possesses that dull flat black appearance with which earlier craftsmen were accustomed to finish their work.

The relieved iron finish perfectly resembles those pieces of old iron work in which the natural grey color of the iron shows through the black finish on the slightly raised portions of the uneven metal surface. This finish is also referred to as Grey Iron, Flemish Iron, Swedish Iron and Half Polished Iron.

The rusty iron finish as the name implies has the slightly reddish-brown cast of naturally rusted iron.

RUST-PROOFING

One of the outstanding characteristics of the forged iron pieces on the following pages is the fact that they are especially protected to resist rust.

Before receiving the final finish every piece of McKinney Forged Iron Hardware is first heat-treated with zinc in order to prevent rust. This special protective coat of rust-proofing adds immeasureably to the permanence of the Forged Iron finishes.

In addition to this rust-proofing, particular attention has been given to provide a final finish that will withstand constant wear and exposure.

FINISH SYMBOLS

Finish Symbol			Description of Finish
DB			Dead Black Iron
K			Relieved Iron
KR			Rusty Iron

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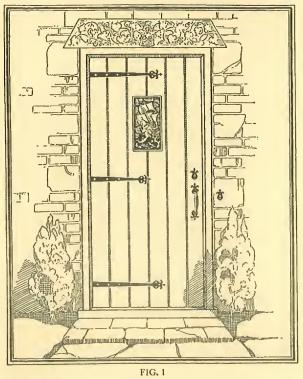
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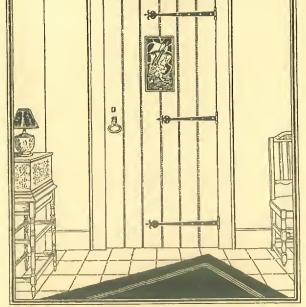
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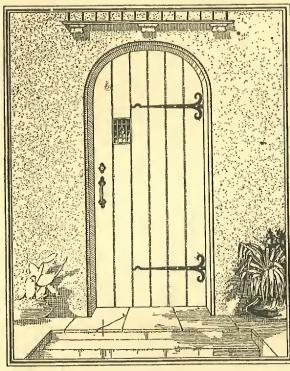
	14 O IVI LICI C		
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TP15	EN	1264021	1301127
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12504½ CL11	12521 EN	12704	CL28
HT	12523 EN	12712	14302 CL
TP	12524 EN	12713	HT29
12505 CL	12525 EN	1271423	TP
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TP	12528 EN	1273023	HT30
EN17	12560 EN	1273123 1273623	TP30
12506 CL11	12562 EN	12740	EN30
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DOOR TRIM SUGGESTIONS











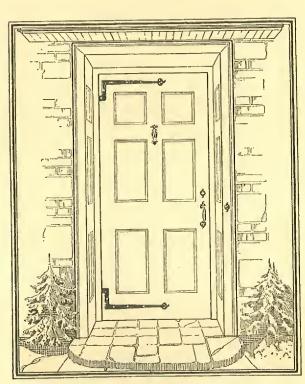


FIG. 4



DOOR TRIM SUGGESTIONS



FIG. 5

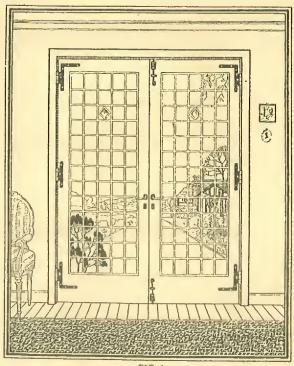


FIG. 6

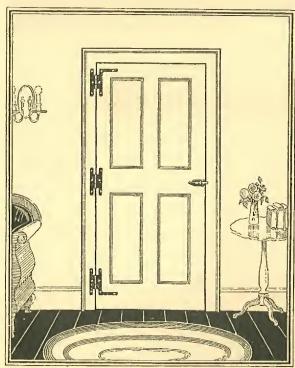


FIG. 7

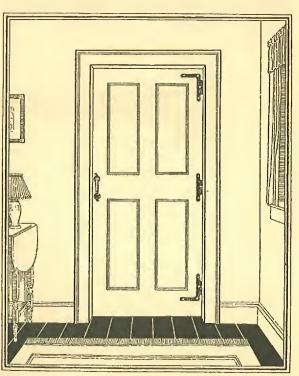
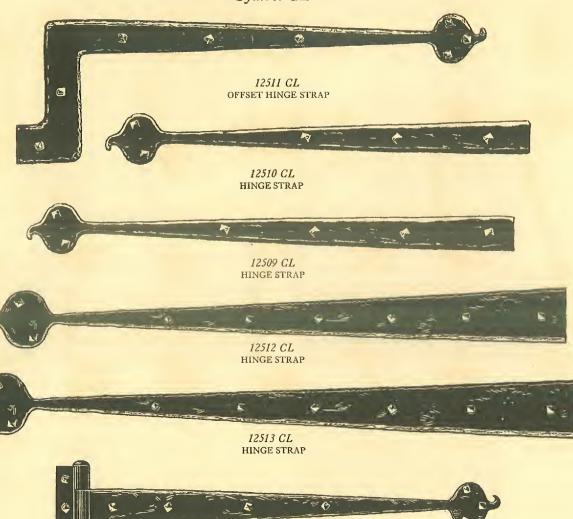


FIG. 8

CURLEY LOCK DESIGN

Symbol CL





Number	Extreme Length Inches	Width of Strap at Hanging E Inches	and Ce	Offset enter to Center Inches	Size Square Stud Screws	Size of Lag Screws	Approximate Weight Each Strap Pounds
12509 CL	22	13/4			5/8 x 12		11/8
12510 CL	181/2	13/4			5/8 x 12		1
12511 CL	22	13/4		5	5∕8 x 12		13/4
12512 CL	28	3				1¼ x ¼	3
12513 CL	32	3				1¼ x ¼ ·	31/4
Number	Length of Strap from Center of Pin Inches	Width of	Width of Pad or T-Leaf from Center of Pin Inches	Length of Joint Inches	Size of Square Stud Screws for Strap	Size of Square Stud Screws for Pad	Approximate Weight Each Hinge Pounds
12514 CL	17	13/4	13/8	4	1¼ x 12	$1\frac{1}{4} \times 12$	17/8
12515 CL	201/2	13/4	13/8	4	$1\frac{1}{4} \times 12$	$1\frac{1}{4} \times 12$	2

The pads on 12514 CL and 12515 CL strap hinges are reversible and counter sunk for flat head screws.

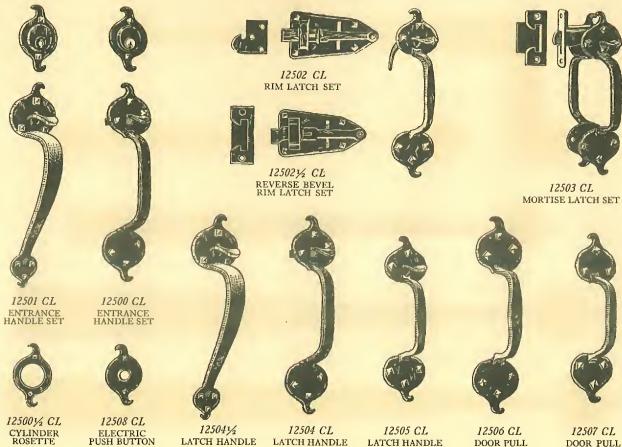
Each hinge strap and strap hinge wrapped separately in heavy paper with the necessary screws.

Special butt hinges No. 12650 on page 20 are designed for use with above hinge straps. In addition, these hinge straps are used as exterior dummy trim.

Hinge strap No. 12511 CL is reversible, not handed.

CURLEY LOCK DESIGN

Symbol CL



HANDLE

LATCH HANDLE LATCH HANDLE DOOR PULL

DOOR PULL

	HAN	DLE		CYLINDER ROSETTE					
Number 12500 CL 12501 CL	Length Inches 103/4 101/2	Width Inches 23/4 23/4	Size Square Stud Screws \[\frac{12}{2} \times 12 \] \[\frac{11}{4} \times 12	Length Inches 3½ 3½	Width Inches 21/4 21/4	Size Square Stud Screws 1/2 x 9 1/2 x 9	Approximate Weight Each Pounds 1 11/		

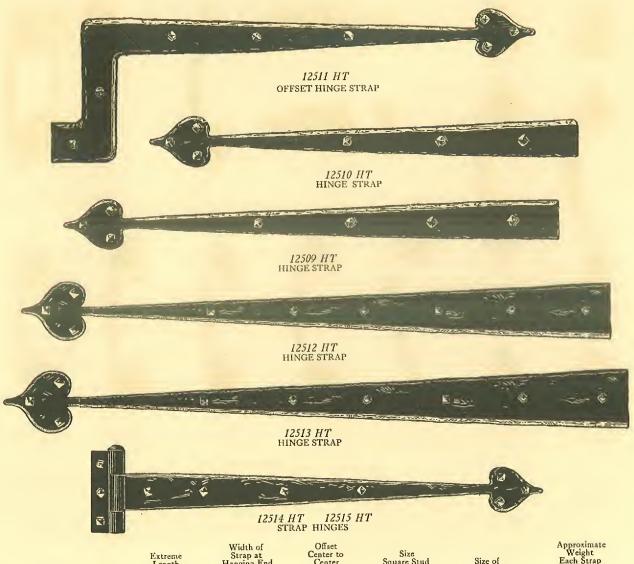
Packed one handle complete with cylinder rosette and two 1/8-inch blocking rings in a box with square stud screws. Minimum spacing thumb piece to center of cylinder is 31/2 inches. Cylinder rosettes are made to fit standard cylinders. 12500 1/2 CL See above table for size and screws. Packed one in an envelope.

	HANDLES RIM LATCH						MORTISE LATCH				
Number	Length Inches	Width Inches	Size Square Stud Screws	Length Inches	Width Inches	Size Square Stud Screws	Depth Mortise Inches	Size Fro Length Inches		Maximum Backset Inches	Approximate Weight Each Pounds
12502 CL	81/4	23/8	} 5/8 x 12	45/8 45/8	21/2	3/4 x 9				21/2	1
12502 ⅓ CL	81/4	23/8	, .	45/8	21/2	3/4 x 9				21/2	1
12503 CL	81/4	23/8	$\begin{cases} \frac{1}{2} \times 12 \\ \frac{5}{8} \times 12 \end{cases}$				31/4	3	3/4	21/2	11/2
12504 CL	103/4	23/4	1/2 x 12								7 ∕8
12504 ½ CL		23/4	(11/4 x 12								1
12505 CL	81/4	23/8	5/8 x 12								1/2
12506 CL	103/4	23/4	$1\frac{1}{4} \times 12$								1/8
12507 CL	81/4	23/8	$1\frac{1}{4} \times 12$								1/2 1/8 1/2
12508 CL	31/2	21/4	3/4 x 9								1/4

Set No. 12503 CL is made for doors 13% to 134 inches in thickness. Other sizes to order. Sets No. 12502 CL and No. 12502 ½ CL packed one handle complete with rim latch in a box with square stud screws. No. 12503 CL packed two handles complete with mortise latch in a box with square stud screws. All other items in above table packed one in a box with square stud screws, with the exception of No. 12508 CL which is packed two in a box with square stud screws.

HEART DESIGN

Symbol HT



Number	Extreme Length Inches	Width of Strap at Hanging End Inches	Offset Center to Center Inches	Size Square Stud Screws	Size of Lag Screws	Approximate Weight Each Strap Pounds
12509 HT 12510 HT	22¼ 18¾ 22¼	13/4 13/4 13/4	 . . .	5/8 x 12 5/8 x 12 5/8 x 12		1 ½ 1 134
12511 HT 12512 HT 12513 HT	28 ¹ / ₄ 32 ¹ / ₄	3 3			1 1/4 x 1/4 1 1/4 x 1/4	3 1/4

	Length of Strap from Center of Pin	Width of Strap at Joint	or T-Leaf from Center of Pin	Length of Joint	Size of Square Stud Srews for Strap	Size of Square Stud Screws for Pad	Approximate Weight Each Hinge Pounds
Number	Inches	Inches	Inches	Inches	•		
12514 HT	171/4	13/4	13/8	4	$1\frac{1}{4} \times 12$	1¼ x 12	17/8
12515 HT	203/4	13/4	13/8	4	$1\frac{1}{4} \times 12$	$1\frac{1}{4} \times 12$	2

The pads on 12514 HT and 12515 HT strap hinges are reversible and counter sunk for flat head screws.

Each hinge strap and strap hinge wrapped separately in heavy paper with the necessary screws.

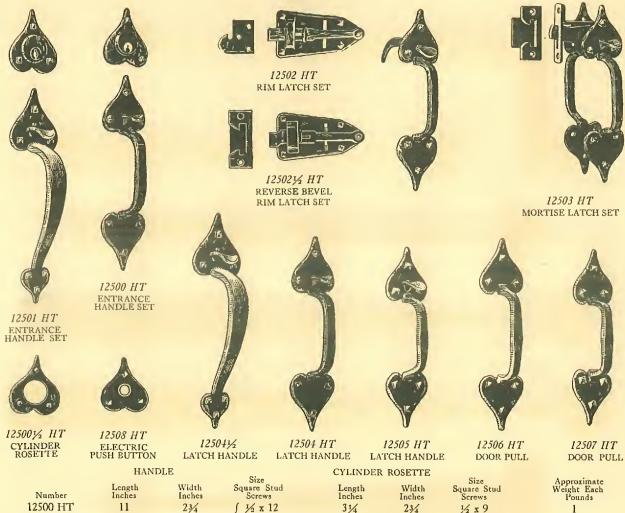
Special butt hinges No. 12650 on page 20 are designed for use with above hinge straps. In addition, these hinge straps are used as exterior dummy trim.

Hinge strap No. 12511 HT is reversible, not handed.

Always prefix symbol of finish desired when ordering

HEART DESIGN

Symbol HT



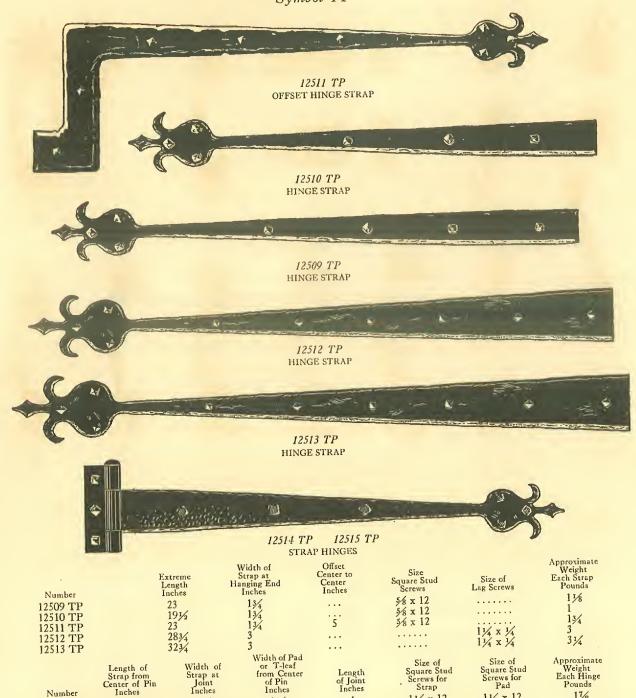
23/4 23/4 { ½ x 12 1¼ x 12 3½ 3¼ 23/4 23/4 ½ x 9 ½ x 9

Packed one handle complete with cylinder rosette and two 1/8-inch blocking rings in a box with square stud screws. Minimum spacing thumb piece to center of cylinder is 31/2 inches. Cylinder rosettes are made to fit standard cylinders. 125001/2 HT See above table for size and screws. Packed one in an envelope.

HANDLES					RIM LATCH				MORTISE LATCH Size of Approximate		
Number	Length Inches	Width Inches	Size Square Stud Screws	Length Inches	Width Inches	Size Square Stud Screws	Depth Mortise Inches	Fro Length Inches		Maximum Backset Inches	Approximate Weight Each Pounds
12502 HT	9	23/8	} 5/8 x 12	45⁄8 45⁄8	21/2	3/4 x 9				21/2	1
12502⅓ HT	9	23/8]	45/8	21/2	3/4 x 9				21/2	1
12503 HT	9	23/8	$\left\{\begin{array}{c} \frac{1}{2} \times 12 \\ \frac{5}{8} \times 12 \end{array}\right\}$				31/4	3	3/4	21/2	11/2
12504 HT	11	23/4	} ½ x 12							, , ,	7/8
12504½ HT	11	23/4	11/4 x 12								1
12505 HT	9	23/8	5/8 x 12								1/2
12506 HT	11	23/4	1¼ x 12								1/8
12507 HT	9	23/8	11/4 x 12								1/2
12503 HT	31/4	23/4	$\frac{3}{4} \times 9$								1/1

Set No. 12503 HT is made for doors 13% to 13% inches in thickness. Other sizes to order. Sets No. 12502 HT and No. 12502 HT packed one handle complete with rim latch in a box with square stud screws. No. 12503 HT packed two handles complete with mortise latch in a box with square stud screws. All other items in above table packed one in a box with square stud screws, with the exception of No. 12508 HT which is packed two in a box with square stud screws.

TULIP DESIGN Symbol TP



Number 17/8 2 1¼ x 12 1¼ x 12 1½ x 12 1¼ x 12 13/4 13/4 4 13/8 12514 TP 12515 TP 18 13/8 4 The pads on 12514 CL and 12515 CL strap hinges are reversible and counter sunk for flat head screws.

Length of Joint Inches

Each hinge strap and strap hinge wrapped separately in heavy paper with the necessary screws.

Special butt hinges No. 12650 on page 20 are designed for use with above hinge straps. In addition, these hinge straps are used as exterior dummy trim.

Hinge strap No. 12511 TP is reversible, not handed.

Width of Strap at Joint Inches

Length of Strap from Center of Pin Inches

TULIP DESIGN

Symbol TP 12502 TP RIM LATCH SET 125021/2 TP 12503 TP REVERSE BEVEL RIM LATCH SET MORTISE LATCH 12500 TP 12501 TP ENTRANCE HANDLE SET 12508 TP 12500½ TP 12504 TP 12505 TP 125041/2 12506 TP 12507 TP ELECTRIC PUSH BUTTON CYLINDER ROSETTE

CYLINDER ROSETTE HANDLE Size Square Stud Screws Size Square Stud Screws Approximate Weight Each Pounds Width Width Inches Length Inches Length Inches Inches Number 37/8 37/8 23/4 1/2 x 9 12500 TP 12501 TP 1/2 x 12 12 TP 1134 234 114 x 12 378 234 1/2 x 9 114

Packed one handle complete with cylinder rosette and two 18-inch blocking rings in a box with square stud screws.

LATCH HANDLE

LATCH HANDLE

DOOR PULL

LATCH HANDLE

Minimum spacing thumb piece to center of cylinder is 4 inches. Cylinder rosettes are made to fit standard cylinders. 125001/2 TP See above table for size and screws. Packed one in an envelope.

HAN		RIM LATCH			MORTISE LATCH Size of				Approximate	
Length Number Inches	Width Inches	Size Square Stud Screws	Length Inches	Width Inches	Size Square Stud Screws	Depth Mortise Inches	Fro Length Inches		Maximum Backset Inches	Weight Each Pounds
12502 TP 10 12502½ TP 10	2½ 2½	} 5⁄8 x 12	45/8 45/8	2½ 2½	34 x 9 34 x 9				$\frac{2\frac{1}{2}}{2\frac{1}{2}}$	1 1
12503 TP 10	21/2	{ ½ x 12 } 5% x 12 }				31/4	3	3/4	21/2	1½
12504 TP 12	23/4	∫ ½ x 12								1/8
12504½ TP 11¾	23/4	(11/4 x 12								1,,
12505 TP 10	21/2	5/8 x 12								1/2 1/8
12506 TP 12	23/4	$1\frac{1}{4} \times 12$								1/8
12507 TP 10	21/2	1¼ x 12								1/2
12508 TP 37%	23/	3/4 x 9								1/4

Set No. 12503 TP is made for doors 13% to 134 inches in thickness. Other sizes to order. Sets No. 12502 TP and No. 125021/2 TP packed one handle complete with rim latch in a box with square stud screws. No. 12503 TP packed two handles complete with mortise latch in a box with square stud screws. All other items in above table packed one in a box with square stud screws, with the exception of No. 12508 TP which is packed two in a box with square stud screws.

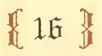


Number 12509 EN 12512 EN 12513 EN		Extreme Length Inches 23 28½ 32½	Width of Strap at Hanging End Inches 134 3	Extreme Width Inches 8 12 12		. 12	Size Lag Screws 11/4 x 1/4 11/4 x 1/4	Approximate Weight Each Strap Pounds 2 31/4 31/2
Number 12515 EN	Length of Strap from Center of Pin Inches 211/2	Width of Strap at Joint Inches 134	Width of Pad or T-Leaf from Center of Pin Inches	Extreme Width of Strap Inches	Length of Joint Inches	Size of Square Stud Screws for Strap 11/4 x 12	Size of Square Stud Screws for Pad 11/4 x 12	Approximate Weight Each Hinge Pounds 27/8

The pads on 12515 EN strap hinges are reversible and counter sunk for flat head screws.

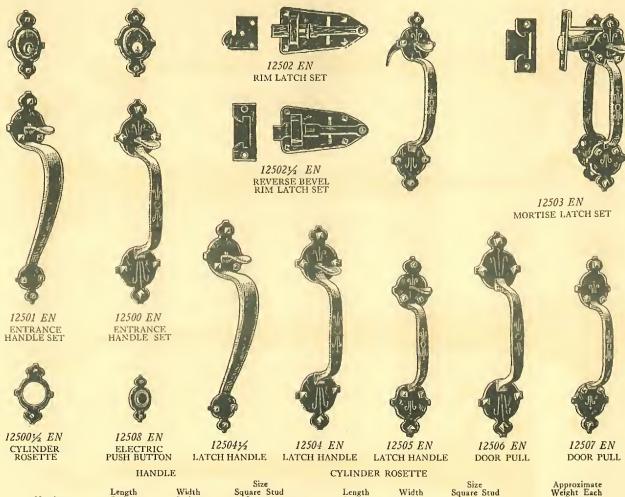
Each hinge strap and strap hinge wrapped separately in heavy paper with the necessary screws.

Special butt hinges No. 12650 on page 20 are designed for use with above hinge straps. In addition, these hinge straps are used as exterior dummy trim.



ETRUSCAN DESIGN

Symbol EN



	Length	Width	Size Square Stud	Length	Width	Size Square Stud	Approximate Weight Each
Number	Inches	Inches	Screws	Inches	Inches	Screws	Pounds
12500 EN	93/4	21/2	∫ ½ x 12	31/2	21/4	½ x 9	1
12501 EN	101/2	21/2	$1\frac{1}{4} \times 12$	31/2	21/4	1/2 x 9	11/4

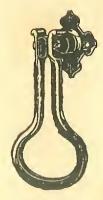
Packed one handle complete with cylinder rosette and two 1/8-inch blocking rings in a box with square stud screws. Minimum spacing thumb piece to center of cylinder is 31/4 inches. Cylinder rosettes are made to fit standard cylinders. 125001/2 EN See above table for size and screws. Packed one in an envelope.

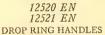
	HAN	DLES		RIM I	ATCH		МО	RTISE LA			Approximate
Number	Length Inches	Width Inches	Size Square Stud Screws	Length Inches	Width Inches	Size Square Stud Screws	Depth Mortise Inches	Fro Length Inches		Maximum Backset Inches	Weight E2ch Pounds
12502 EN	9	21/4	} 5/8 x 12	45/8	2½ 2½	3/4 x 9				21/2	1
12502⅓ EN	1 9	21/4) '	45/8	21/2	$\frac{3}{4} \times 9$				21/2	1
12503 EN	9	21/4	$\left\{\begin{array}{c} \frac{1}{2} \times 12 \\ \frac{5}{8} \times 12 \end{array}\right\}$				31/4	3	3/4	21/2	11/2
12504 EN	93/4	21/2	} ½ x 12								7/8
125041/2 EN		21/2	$1\frac{1}{4} \times 12$								1
12505 EN	9	21/4	5/8 x 12								1/2
12506 EN	93/4	21/2	1½ x 12								7/8
12507 EN	9	21/4	1¼ x 12								1/2 7/8 1/2
12508 EN	21/2	11/4	3/4 x 9								1/4

Set No. 12503 EN is made for doors 13% to 13% inches in thickness. Other sizes to order. Sets No. 12502 EN and No. 12502 EN packed one handle complete with rim latch in a box with square stud screws. No. 12503 EN packed two handles complete with mortise latch in a box with square stud screws. All other items in above table packed one in a box with square stud screws, with the exception of No. 12508 EN which is packed two in a box with square stud screws.

Always prefix symbol of finish desired when ordering

ETRUSCAN DESIGN Symbol EN







12528 EN 12529 EN 12568 EN 12569 EN LEVER HANDLES





12522 EN 12523 EN 12562 EN 12563 EN LEVER HANDLES



12526 EN KEY PLATE



12524 EN 12525 EN TURN KNOB

	RING HANDLES		LEVER HANDLES		ROSETTES					
Number	Extreme Length Inches	Extreme Width Inches	Length Inches	Type of Rosette	Length Inches	Width Inches	Size of Square Stud Screws	Approximate Weight Each Pounds		
12520 EN	51/4	3		without spring	23/8	23⁄8	1/2 x 9	3/4		
12521 EN	51/4	3		without spring	23/8	23/8	1/2 x 9	3/4		
12522 EN	111		4	without spring	21/2	11/4	1/2 x 9	1/2		
12523 EN			4	without spring	21/2	11/4	½ x 9	1/2		
12562 EN			4	with auxiliary spring	21/2	11/2	1/2 x 9	1/2		
12563 EN			4	with auxiliary spring	21/2	11/2	1/2 x 9	1/2		
12528 EN			3	without spring	21/2	11/4	1/2 x 9	3/8		
12529 EN			3	without spring	21/2	11/4	½ x 9	3/8		
12568 EN			3	with auxiliary spring	21/2	11/2	1/2 x 9	3/8		
12560 EN		• • •	3	with auxiliary spring	21/2	11/2	1/2 x 9	3/8		

All drop ring and lever handles are packed one only with rosette in a box with square stud screws-spindles not in-

Drop ring and lever handles are tapped for $\frac{5}{16}$ -inch threaded spindles shown on page 27. Special tapping to fit lock manufacturers spindles to order.

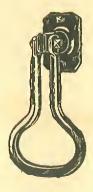
Nos. 12520 EN, 12522 EN, 12562 EN, 12528 EN, 12568 EN are applied to spindles for use with locks having $\frac{5}{16}$ -inch diamond hubs; Nos. 12521 EN, 12523 EN, 12563 EN, 12529 EN, 12569 EN for locks with $\frac{5}{16}$ -inch square hubs.

	KN	OBS		ROSETTES	Size of	Approximate
Number	Width Inches	Projection Inches	Length Inches	Width Inches	Square Stud Screws	Weight Per Pair Pounds
12560 EM	2	15/8	23/8	23/8	½ x 9 1are stud screws in	a box.
Special ta	ipping to fit lock m	nanufacturers spind	lles to order.	meraams squ	into ocac sereno m	, , ,

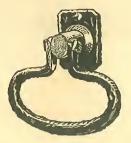
Number	Length Inches	Width Inches	Type of Spindle	Size of R. H. Screws	Number in a Box with Screws	Approximate Weight Full Box Pounds
		1	3 Diamond	3/8 x 5	5	1/2
12524 EN	13/4	1	$\frac{3}{16} \times \frac{1}{16}$ Flat	. / **	5	1/2
12525 EN	13/4	1	16 X 16 Flat	3/8 x 5	10	1/
12526 EN	13/4	1		3/8 x 5	10	73

No. 12526 EN key plate is cut for standard bit keys.

DOOR HARDWARE



12602 12603 DROP RING HANDLES



12601 DROP RING HANDLES



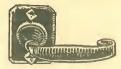
12680 DOOR KNOBS



12621 TURN KNOB



12624 KEY PLATE



12609 12668 12669 LEVER HANDLES



12606 12607 12666 12667 LEVER HANDLES

	RING HANDLES LEVER HANDLES		ROSETTES					
Number	Extreme Length Inches	Extreme Width Inches	Length Inches	Type of Rosette	Length Inches	Width Inches	Size of Square Stud Screws	Approximate Weight Each Pounds
12600	31/4	4		without spring	2	11/2	1/2 x 9	1/2
12601	31/4	4		without spring	2	11/2	1/2 x 9	1/2
12602	47/8	3		without spring	2	11/2	1/2 x 9	5/8
12603	47/8	3		without spring	2	11/2	1/2 x 9	5/8
12606			4	without spring	2 .	11/2	½ x 9	1/2
12607			4	without spring	2	11/2	½ x 9	1/2
12666			4	with auxiliary spring	2	11/2	1/2 x 9	1/2
12667			4	with auxiliary spring	2	11/2	½ x 9	1/2
12608			3	without spring	2	11/2	1/2 x 9	3/8
12609			3	without spring	2	11/2	1/2 x 9	3/8
12668			3	with auxiliary spring	2	11/2	½ x 9	3/8
12669			-3	with auxiliary spring	2	11/2	1/2 x 9	3/8
1 11 1		1 1 11	1 1	1 11 11	1 . 1	,	1	1 11 1

All drop ring and lever handles are packed one only with rosette in a box with square stud screws—spindles not in-

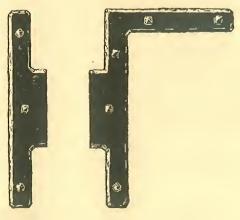
Drop ring and lever handles are tapped for $\frac{5}{16}$ -inch threaded spindles shown on page 27. Special tapping to fit lock manufacturers spindles to order.

Nos. 12600, 12602, 12606, 12666, 12608, 12668 are applied to spindles for use with locks having $\frac{5}{16}$ -inch diamond hubs; Nos. 12601, 12603, 12607, 12607, 12609, 12669 for locks having $\frac{5}{16}$ -inch square hubs.

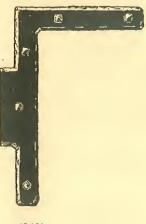
	KNO	OBS		ROSETTES			
Number	Width Inches	Projection Inches	Length Inches	Width Inches	Size of Square Stud Screws	Approximate Weight Per Pair Pounds	
12680	2	2	2	11/2	1/2 x 9	13/8	
Knobs	are packed one pair v	vith No. 12615 spi	ndle and rosettes in	cluding squa	re stud screws in a	box.	
Specia	I tapping to fit lock m	anufacturers spind	les to order.	0 1			

Number	Length Inches	Width Inches	Type of Spindle	Square Stud Screws	in a Box with Screws	Weight Full Box Pounds
12620	13/4	1	3 Diamond	1/2 x 9	5	1/2
12621	13/4	1	3 x 1 Flat	1/2 x 9	5	1/2
12624	13/4	1		½ x 9	10	1/3
No	12624 how plate is cut for	er etandard hit	reve			

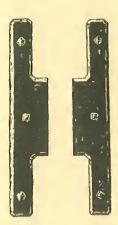
DOOR HARDWARE



12653 12654 H HINGE PLATE



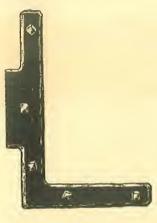
12651 12652 L HINGE PLATE



H HINGE PLATES



12653 12654 H HINGE PLATE



12651 12652 L HINGE PLATE



DOOR BUTT HINGES

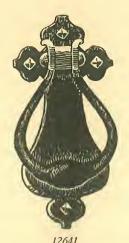
N. I	For Use with Butts	Extreme Length H Plate Inches	Extreme Length L Plate Inches	Extreme Width L Plate Inches	Width H & L Piates Inches	Single Plates in a Box with Screws	Size of Square Stud Screws	Approximate Weight Each Pounds
Number		Inches	_	7	1		5/8 x 12	3/4
12651	3½ x 3½		9	1	1	• • •	78 2 14	74
12652	1 4 x 4		9	7	1		₹8 x 12	3/4
12002	\ 4 x 5					-	58 x 12	3/2
12653	3½ x 3½	9			1	5	98 X 14	72
12033		-				r	1/ _ 12	T/
12654	1 4 x 4	9			I	5	5/8 x 12	1/2
12054	1 4 x 5	-						

Nos. 12651 and 12652 L plates are wrapped separately in heavy paper with square stud screws. These plates are reversible; not handed.

N. J	Length Width of Joint Open Inches Inches	Size of Screws	Pairs in a Box with Screw	Weight Per Pair Pounds
Number 12650	3½ x 3½	1 x 9	1	11/2
	4 x 4	1×10	1	21/2
	4 + 5	1×10	1	2/2

These butt hinges are made to be used in conjunction with door hinge straps, as shown on pages 10, 12, 14 and 16 as well as H and L plates on this page.

DOOR HARDWARE



KNOCKER

Number	Length Inches	Width Inches	Size of Square Stud Screws	Knockers in a Box with Screws	Approximate Weight Each Pounds
12641	7½	3½	5/8 x 12	1	15⁄8
12642	6½	3½	5/8 x 12		1 ½



12642 Knocker



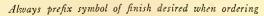
12690 LETTER PLATE WITH INSIDE PLATE



12640 . Door knocker

Number		Width of Plates Inches	Size of Opening Inches	Size of Square Stud Screws	Pounds
12690	10	33/8	$1\frac{1}{4} \times 7\frac{1}{2}$	5∕8 x 12	1½
	One of each, ou	tside and inside	plates with	square stud	screws in a box.

Number 12640	Length Inches 8½	Width Inches 3½	Size of Square Stud Screws 5/8 x 12	Knockers in a Box with Screws	Approximate Weight Each Pounds 11/2
Number 12616	Length Inches 10	Width Inches 33/8	Size Square Stud Screws 5/8 x 12	Single Plates in a Box with Screws 10	Approximate Weight Full Box Pounds 10





12616 PUSH PLATE



SURFACE BOLTS



	T annual
	Lengti Bolt
Number	Inche
12630	$4\frac{1}{2}$
12632	41/2

Extreme Width Plate Inches	Size Square Stud Screws	Bolts in a Box with Screws	Approximat Weight Full Box Pounds	
11/2	$\frac{3}{4} \times 9$	5	2	
11/2	3/4 x 9	5	2	
For smaller	bolts see page	26.		







12630 SURFACE BOLT



12632 SURFACE BOLT



Number 12631	Length Bolt Inches 9	Extreme Width Plate Inches 21/4	Size Square Stud Screws 1¼ x 12	Approximate Weight Each Pounds
12031	12 18 24	21/4 21/4 21/4	$1\frac{1}{4} \times 12$ $1\frac{1}{4} \times 12$ $1\frac{1}{4} \times 12$	1½ 2 2½
12633	9 12 18 24 Always st	21/4 21/4 21/4 21/4 pecify length of	1½ x 12 1½ x 12 1½ x 12 1½ x 12 1½ x 12 f bolt required.	1 1/4 1 1/2 2 2 1/2

All Nos. 12631 and 12633 are packed one in a box with strikes and screws.







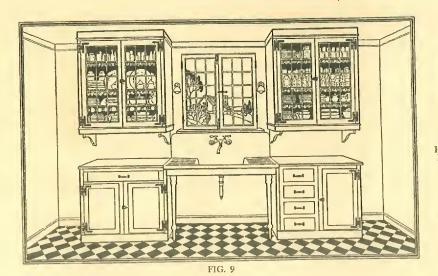
12631 SURFACE BOLT

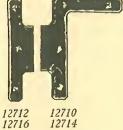


12633 SURFACE BOLT



CABINET HARDWARE



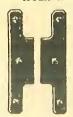




12713

INTERMEDIATE H PLATE





Number
12710
12712
12713
12714
12716

Extreme Length H-Plate Inches	Extreme Length L-Plate Inches	Extreme Width L-Plate Inches	Extreme Length Intermediate H-Plate Inches	Extreme Width Intermediate H-Plate Inches	Width H & L Plates Inches	Size Square Stud Screws	Single Plates in a Box with Screws	Approximate Weight Full Box Pounds
Inches		2			5/8	3/4 x 9	5	1
	41/2	3			-/	3/4 x 9	ς	5/6
41/2			115	:::	9/8	/ 7,	č	3/
111			41/2	13/4	3/8	3/4 x 9	2	157
	6	4			5/8	3/4 x 9	5	13/8
···	o o	-			5/8	3/4 x 9	5	11/8
D						1 10010		*.L NT-

All L-Plates are reversible; not necessary to specify hand. Nos. 12712, 12710 and 12713 are for use only with No. 12704, 2 x 2 butt hinges. Nos. 12714 and 12716 with No. 12704, 2½ x 2 butt hinges.



12704 CABINET BUTT HINGE

Number 12704

Sizes Inches 2 x 2 2½ x 2 Size of Screws 3/4 x 7 7/8 x 8 Pairs in a Box with Screws

Approximate Weight Full Box Pounds 1 1/4 2

No. 12704 butt hinges designed especially for use with H and L Plates on this page.







Numher 12730 12731

Length without Strike Inches 2

Inches 1½ 1½

Size Round Head Screws Type of Strike 3/8 x 5 3/8 x 5 Surface Rim

Number in a Box with Screws 10 10

Approximate Weight Full Box Pounds 1¼ 1¼



12731 CABINET LATCHES



Number 12736

Length Inches

Width Inches 11/2

Size Square Stud Screws 3/4 x 9

Number in a Box with Screws 5

Approximate Weight Full Box Pounds 11/2

12736 DRAWER PULL



12740 CABINET KNOB Number 12740

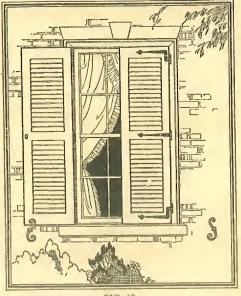
Width Inches $1\frac{3}{16}$

Projection Inches 1

Size of Bolts 1½ x 3/16 Number in a Box with Bolts 10

Approximate Weight Full Box Pounds 11/4

SHUTTER HARDWARE





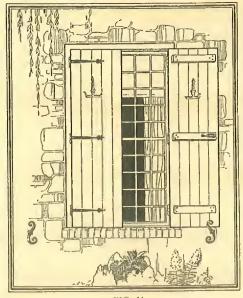


FIG. 11

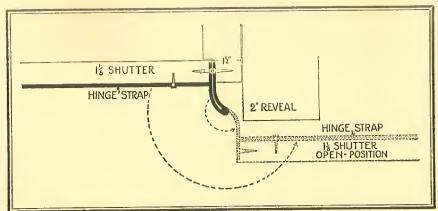
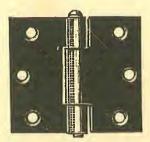


FIG. 12



12800 SHUTTER HINGE

Number 12800	Size Inches 3 x 3½	Size of Screws 1 x 9	Pairs in a Box with Screws	Approximate Weight Per Pair Pounds
-----------------	--------------------------	-------------------------------	-------------------------------------	---

Loose pin reversible hinges with brass pins.

Number	Size Inches	Maximum Throw to Clear Reveal Inches	Size of Screws	Pairs in a Box with Screws	Approximate Weight Per Pair Pounds
12802	3 x 5	21/2	1×9	1	11/2
12002	3 x 6	31/2	1×9	1	15/8
	3×7	41/2	1 x 9	1	17/8
	3 x 8	51/2	1 x 9	1	2

Loose pin reversible hinges with brass pins.

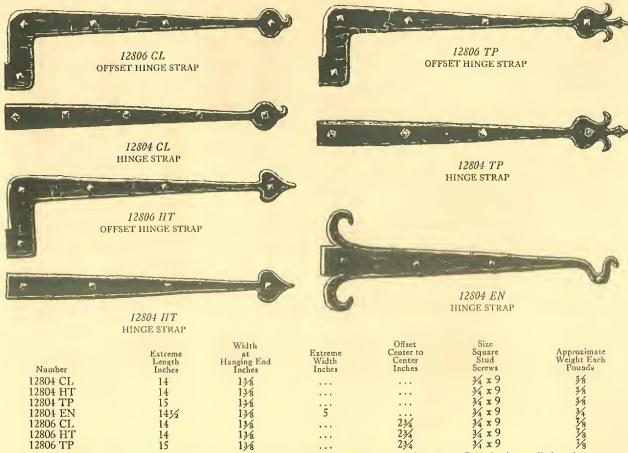
No. 12802 is made with curved offset to throw shutter back clear of window. (See detail drawing above.)



12802 SHUTTER HINGES, CURVED



SHUTTER HARDWARE

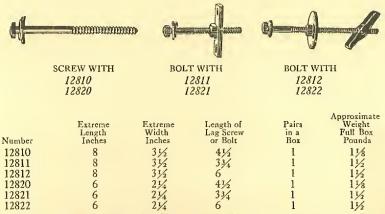


These hinge straps are designed for use with special shutter hinges on opposite page. Can also be applied as dummy trim on inside of shutters. The offset hinge straps are reversible; not necessary to specify hand.

Each hinge strap wrapped separately in heavy paper with square stud screws.



SHUTTER DOGS



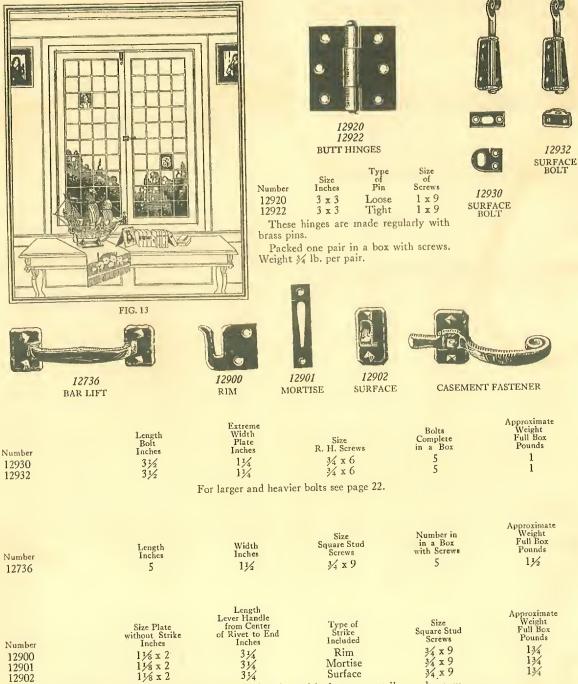
Nos. 12810, 12811 and 12812 are reversible.

The lag screw and bolts shown permit the application of shutter dogs to any wall including wooden, stucco, brick, stone and hollow tile.

For suitable shutter bolt see page 22.

12820 12821 12822 SHUTTER DOGS

WINDOW HARDWARE



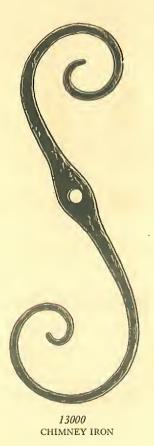
These casement sash fasteners are packed five in a box with the proper strikes and screws.

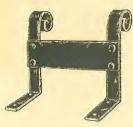
It is not practical to make casement window adjusters of forged iron. We recommend any standard make of friction type for open-in and geared type for open-out which do not show when applied.

For double hung windows we recommend the use of any standard sash fastener finished to match the other hardware trim. It is impractical to make this item of forged iron.



CHIMNEY IRON and FOOT SCRAPERS





13010 FOOT SCRAPER



13011 FOOT SCRAPER

Number	Extreme Length Inches	Extreme Width Inches	for for Bolt Inches	Approximate Weight Pounds 61/4
13000	30	101/2	1	074

Wrapped separately in heavy paper.

	Height	Width	Lag Screw and Expansion	Approximate Weight
Number	Inches	Inches	Shields	Pounds
13010	51/2	9	11/4 x 1/4	13/4
13011	6	71/2	1¼ x ¼	2

Wrapped separately in heavy paper with lag screws and expansion shields.

MISCELLANEOUS ITEMS







HALF SPINDLE









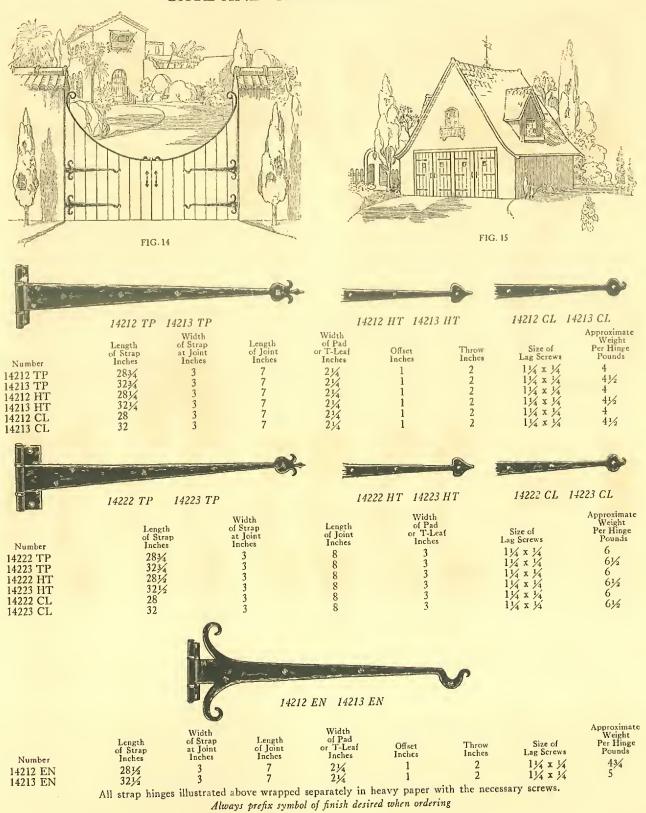


Number	Туре	Length	Diameter	For Doors Thickness Inches	Spindles in a Box	Approximate Weight Full Box Pounds
12612	Closet	3	5 16	13/8 to 23/2	5	1
12613	Half	21/8	16 16	13/8 to 21/2	10	1/2
12615	Straight	31/2	5 16	13/8 to 13/4	10	5/8
12617	Straight	41/2	5 16	13/8 to 21/2	10	3/4
12618	Swivel	53/8	3/8 center	13/8 to 3	10	11/2

These spindles are for use with all knobs, drop ring handles and lever handles as shown on pages 18 and 19.

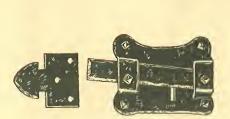
Wrench for applying all pieces of Forged Iron Hardware

GATE AND GARAGE HARDWARE



{ 28 }

GATE AND GARAGE HARDWARE



LATCH FURNISHED IN 14302 LATCH SETS



14302 CL



14302 HT





H	AN	DI	ES

Number	Length Inches	Width Inches	Size Square Stud Screws	Length Inches
14302 CL 14302 HT 14302 TP	103/4 11 12	23/4 23/4 23/4	1½ x 12 1¼ x 12 1¼ x 12	5 5 5
14302 EN	93/4	21/2	$1\frac{1}{4} \times 12$	•1

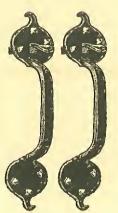
These latch sets can be applied to doors or gates 134 to 3 inches in thickness. necessary screws in a box.

RIM LATCH

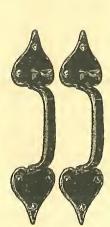
Width Inches	Size Square Stud Screws	Approximate Weight Each Pounds
33/4	1¼ x 12	21/2
33/4	1½ x 12 1¼ x 12	2½ 2½
334	1¼ x 12	21/2

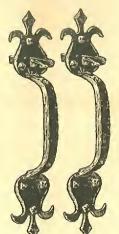
Packed one handle and rim latch complete with





HEAVY MORTISE LATCH SET





MORTISE LATCH



HEAVY MORTISE LATCH SET

HANDLES

Number	Length Inches	Width Inches	Size Square Stud Screws	Depth Mortise Inches	Size of Length Inches	Front Width Inches	Maximum Backset Inches	Approximate Weight Per Set Pounds
14304 CL	103/4	23/4	$\left\{\begin{array}{c} \frac{1}{2} \times 12 \\ 1\frac{1}{4} \times 12 \end{array}\right\}$	31/4	35/8	3/4	21/2	23/4
14304 HT	11	23/4	\ \frac{1\frac{1}{2} \times 12}{1\frac{1}{4} \times 12}	31/4	35/8	3/4	21/2	23/4
14304 TP	12	23/4	\ \begin{align*} \frac{1\frac{1}{2} \times 12}{1\frac{1}{2} \times 12} \end{align*}	31/4	35/8	3/4	21/2	23/4
14304 EN	93/4	21/2	} 1½ x 12 1½ x 12	31/4	35/8	3/4	21/2	23/4

These latch sets are made for doors or gates 134 to 214 inches in thickness. Other sizes to order. Packed two handles complete with mortise latch and necessary screws in a box.

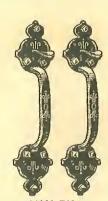
GATE AND GARAGE HARDWARE



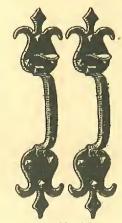




14303 HT HEAVY MORTISE LATCH SETS



MORTISE LATCH



HEAVY MORTISE LATCH SETS

HANDLES

Number	Length Inches	Width Inches	Size Square Stud Screws	Depth Mortise Inches	Size of Length Inches	f Front Width Inches	Maximum Backset Inches	Weight Per Set Pounds
14303 CL	81/4	23/8	$\left\{\begin{array}{cc} \frac{1/2}{1} \times 12 \\ 1\frac{1}{4} \times 12 \end{array}\right\}$	31/4	35/8	3/4	21/2	13/4
14303 HT	9	23/8	$\left\{\begin{array}{c} \frac{1}{2} \times 12 \\ 1\frac{1}{4} \times 12 \end{array}\right\}$	31/4	35/8	3/4	21/2	13/4
14303 TP	10	21/2	\[\begin{pmatrix} \frac{1}{2} \times 12 \\ \frac{1}{4} \times 12 \\ \end{pmatrix} \]	31/4	35/8	3/4	21/2	13/4
14303 EN	9	21/4	\[\begin{pmatrix} \frac{1}{2} \times 12 \\ \f	31/4	35/8	3/4	21/2	13/4

These latch sets are made for doors and gates 134 to 21/4 inches in thickness. Other sizes to order. Packed two handles complete with mortise latch and necessary screws in a box.









14305 CL HEAVY MORTISE LATCH SET



14305 HT HEAVY MORTISE LATCH SET



HEAVY MORTISE LATCH SET



14305 TP HEAVY MORTISE LATCH SET

HANDLES

HANDLES				MORTISE LATCH				Approximate
Number	Length Inches	Width Inches	Size Square Stud Screws	Depth Mortise Inches	Size of Length Inches	Front Width Inches	Maximum Backset Inches	Weight Per Set Pounds
14305 CL	103/4	23/4	$\left\{\begin{array}{cc} \frac{1}{2} \times 12 \\ 1\frac{1}{4} \times 12 \end{array}\right\}$	31/4	35/8	3/4	21/2	13/4
14305 HT	11	23/4	$\left\{\begin{array}{c} \frac{1}{2} \times 12 \\ 1\frac{1}{4} \times 12 \end{array}\right\}$	31/4	35/8	3/4	21/2	13/4
14305 TP	12	23/4	$\left\{\begin{array}{cc} \frac{1}{2} \times 12 \\ 1\frac{1}{4} \times 12 \end{array}\right\}$	31/4	35/8	3/4	21/2	13⁄4
14305 EN	93/4	2½	$\left\{\begin{array}{c} \frac{1}{2} \times 12 \\ 1\frac{1}{4} \times 12 \end{array}\right\}$	31/4	35/8	3/4	21/2	13/4

These latch sets can be applied to doors and gates 13/4 to 3 inches in thickness. Packed one handle complete with mortise latch and necessary screws in a box.

GATE AND GARAGE HARDWARE



14312 HASP





14310 PADLOCK EYES

Number	Length Inches	Width Inches	Size Lag Screws	Size Staple and Eye Screws	Size Machine Bolt	Number in a Box	Pairs in a Box	Weight Full Box
14312	71/2	13/4	11/4 x 1/4	1½ x 11	$2\frac{3}{4} \times \frac{5}{16}$	1	٠;٠	11/4
14310	2½	11/2		1½ x 10	* * * * * * *	* * *	,	74



